

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 340078.411		APPLICATION NO. 10/816,459	
INFORMATION DISCLOSURE STATEMENT (Attach several sheets if necessary)				APPLICANTS John T. Mulligan et al.		GROUP ART UNIT 1637	
				FILING DATE April 1, 2004			
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AG						
	AH						
	AI						
<b>OTHER PRIOR ART</b> (Including Author, Title, Date, Pertinent Pages, Etc.)							
/AB/	AJ	Burdett, V. et al., "In vivo requirements for RecJ, ExoVII, ExoI, and ExoX in methyl-directed mismatch repair," <i>Proc. Natl. Acad. Sci. USA</i> 98(12): 6765-6770, June 5, 2001.					
/AB/	AK	Dao and Modrich, "Mismatch-, MutS-, MutL-, and Helicase II-dependent Unwinding from the Single-strand Break of an Incised Heteroduplex," <i>The Journal of Biological Chemistry</i> 273: 9202-9207, April 10, 1998.					
/AB/	AL	Ischenko and Saparbaev, "Alternative nucleotide incision repair pathway for oxidative DNA damage," <i>Nature</i> 415: 183-187, January 10, 2002.					
/AB/	AM	Lishanski, A. et al., "Mutation detection by mismatch binding protein, MutS, in amplified DNA: Application to the cystic fibrosis gene," <i>Proc. Natl. Acad. Sci. USA</i> 91: 2674-2678, March 1994.					
/AB/	AN	Pan and Weissman, "An approach for global scanning of single nucleotide variations," <i>Proc. Natl. Acad. Sci. USA</i> 99(14): 9346-9351, July 9, 2002.					
/AB/	AO	Schofield, M.J. et al., "The Phe-X-Glu DNA Binding Motif of MutS. The Role of Hydrogen Bonding in Mismatch Recognition," <i>The Journal of Biological Chemistry</i> 276(49): 45505-45508, December 7, 2001.					
EXAMINER /Angela Bertagna/				DATE CONSIDERED 08/16/2007			
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/AB/	BJ	Smith and Modrich, "Removal of polymerase-produced mutant sequences from PCR products," <i>Proc. Natl. Acad. Sci. USA</i> 94: 6847-6850, June 1997.					
/AB/	BK	Viswanathan, M. et al., "Redundant Exonuclease Involvement in <i>Escherichia coli</i> Methyl-directed Mismatch Repair," <i>The Journal of Biological Chemistry</i> 276(33): 31053-31058, August 17, 2001.					
/AB/	BL	Xiao and Oefner, "Denaturing High-Performance Liquid Chromatography: A Review," <i>Human Mutation</i> 17: 439-474, 2001.					
/AB/	BM	Yamaguchi, M. et al., "MutS and MutL Activate DNA Helicase II in a Mismatch-dependent Manner," <i>The Journal of Biological Chemistry</i> 273(15): 9197-9201, April 10, 1998.					
/AB/	BN	Yanagihara and Mizuuchi, "Mismatch-targeted transposition of Mu: A new strategy to map genetic polymorphism," <i>Proc. Natl. Acad. Sci.</i> 99(17): 11317-11321, August 20, 2002.					
	BO						
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